

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5978070
<b>Application Number:</b>	10078949
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8454
<b>Title of Invention:</b>	OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA
<b>First Named Inventor/Applicant Name:</b>	Stanley T. Crooke
<b>Customer Number:</b>	32650
<b>Filer:</b>	Jane E. Inglesse/Arlene Stiles-Davis
<b>Filer Authorized By:</b>	Jane E. Inglesse
<b>Attorney Docket Number:</b>	ISIS-5027
<b>Receipt Date:</b>	28-AUG-2009
<b>Filing Date:</b>	20-FEB-2002
<b>Time Stamp:</b>	18:24:34
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	NPL Documents	Marcus-Sekura_AnalBiochem_289-295.PDF	572026 c1f04191d8e1b8d139a07aa7ee5c33df 105d	no	7

### Warnings:

Information:
--------------

2	NPL Documents	Markiewicz_NucleicAcidChemistry_229-231.PDF	331980 6de5ff38ff1c159d493c6fe7a6f59267fb12c etc	no	4
---	---------------	---	--	----	---

**Warnings:****Information:**

3	NPL Documents	Martinez_Cell_2002_563-574.PDF	972774 6fbcb3651a02460ed2f3fc7fb5e4fb6cf6f 4116d	no	13
---	---------------	--------------------------------	--	----	----

**Warnings:****Information:**

4	NPL Documents	Maruenda_BioconjugateChem_541-544.PDF	425919 6be5754b790292e13db332-9cc36e6ff7 ff2c	no	4
---	---------------	---------------------------------------	---	----	---

**Warnings:****Information:**

5	NPL Documents	Maruenda_AntiCancerDrugDes_473_479.PDF	425272 3fe278bad430abef00824364528517 33be	no	7
---	---------------	--	--	----	---

**Warnings:****Information:**

6	NPL Documents	Marwick_JAmMedAssoc_1998_871.PDF	243249 e9602eb1da0b33e915051b0c995fed4e 59c3de	no	1
---	---------------	----------------------------------	--	----	---

**Warnings:****Information:**

7	NPL Documents	Matsukura_PNAS_1987_7706-7710.PDF	512594 b835bf1670ff141391e0205a11c3ffed 0add	no	5
---	---------------	-----------------------------------	--	----	---

**Warnings:****Information:**

8	NPL Documents	Matteucci_JAmChemSoc_3185-3191.PDF	793464 af6cc67cd801d95148027991b425cd5d69 a99	no	7
---	---------------	------------------------------------	---	----	---

**Warnings:****Information:**

9	NPL Documents	McCafferey_Nature_38-39.PDF	386547 fbc60c9b7e7e75195ea197d961c2fee31074a 1030	no	2
---	---------------	-----------------------------	---	----	---

**Warnings:****Information:**

10	NPL Documents	McIntyre_AntisenseResDev_309-322.PDF	1262787 37ad518fd1ee6d2b73ec5a7e1e3413f470 6bb5	no	14
----	---------------	--------------------------------------	---	----	----

**Warnings:****Information:**

11	NPL Documents	McQueen_CellBioToxicol_201-206.PDF	408485 6c7f53d57629b62ae27117d158ff1f9aee 99	no	6
----	---------------	------------------------------------	--	----	---

**Warnings:****Information:**

12	NPL Documents	Mellitzer_MechDevel_57-63.PDF	657489 6dd9401dd95a9bb0d72e67d59106a0 b32e5	no	7
----	---------------	-------------------------------	---	----	---

**Warnings:****Information:**

13	NPL Documents	Meunier_NuclAcidRes_2730-2736.PDF	1265846 008ef5e0730958e594a21d6fb2773b32 6f531	no	7
----	---------------	-----------------------------------	--	----	---

**Warnings:****Information:**

14	NPL Documents	Meyer_JAmChemSoc_8517-8519.PDF	485706 a327bd03b4a664531268294736607c29 be3/c7	no	3
----	---------------	--------------------------------	--	----	---

**Warnings:****Information:**

15	NPL Documents	Mili_MolCellBiol_7307-7319.PDF	593667 4b53c16d7f5e9443137608e07b7cf2eb3 -6548b	no	13
----	---------------	--------------------------------	---	----	----

**Warnings:****Information:**

16	NPL Documents	Miller_AntiCancDrugDes_117-128.PDF	784745 666de63c9ff1ff5d4509aa0413b77f1993 -0137	no	12
----	---------------	------------------------------------	---	----	----

**Warnings:****Information:**

17	NPL Documents	Miller_Biochemistry_1874-1880.PDF	796147 5981d952920264c8c8294b5900eda7ed8 22d9b	no	7
----	---------------	-----------------------------------	--	----	---

**Warnings:****Information:**

18	NPL Documents	Miller_Biochemistry_5134-5143.PDF	1139172 daef2ad26ce0204a3d8e1a649f1e6e71 -dbc1	no	10
----	---------------	-----------------------------------	--	----	----

**Warnings:****Information:**

19	NPL Documents	Miller_JAmChemSoc_6657-6664.PDF	912527 ch15fdRe64931cb6e3678cf1f042ae62 /bf1	no	9
----	---------------	---------------------------------	--	----	---

**Warnings:****Information:**

20	NPL Documents	Min_BioorgMedchemLett_200 2_2651-2654.PDF	467037 7ca8377a3501223d4c8f5d918d9f9ca6fc5fc 3ab09	no	4
----	---------------	--	--	----	---

#### Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

#### Information:

21	NPL Documents	Mishra_BiochimBiophysActa_2 29-237.PDF	901427 41fc560bacaef0374ec811381c3d524ff95b c786	no	9
----	---------------	---	--	----	---

#### Warnings:

#### Information:

22	NPL Documents	Miura_ClinChem_1996_1758-1 764.PDF	612820 277ea0f7f762f576ec82930696ecdec5d05 9a0a	no	7
----	---------------	---------------------------------------	---	----	---

#### Warnings:

#### Information:

23	NPL Documents	Montgomery_PNAS_1998_155 02-15507.PDF	857674 b1138ca66b2a5186d227de8fb293048ffeff 72	no	6
----	---------------	--	--	----	---

#### Warnings:

#### Information:

24	NPL Documents	Moran_PNAS_10506-10511. PDF	192331 925e3b44b540d7d4affa3b85698c36713 9be11	no	6
----	---------------	--------------------------------	--	----	---

#### Warnings:

#### Information:

25	NPL Documents	Moran_JAmChemSoc_2056-20 57.PDF	126455 9e6e5542c77907e1068f2b2e0f1e6c65951 dce1e	no	2
----	---------------	------------------------------------	--	----	---

#### Warnings:

#### Information:

26	NPL Documents	Morita_BioorgMedChemLetts_ 73-76.PDF	223017 3dd123391b9b4fa2ad60a2007ce7a1923d 14ee	no	4
----	---------------	---	--	----	---

#### Warnings:

#### Information:

27	NPL Documents	Morita_BioorgMedChem_2211-2 226.PDF	641518 cb1f9411deb9df3b590dd67997d8b72021 14aff	no	16
----	---------------	--	---	----	----

#### Warnings:

#### Information:

28	NPL Documents	Moulds_Biochem_1995_5044-5 053.PDF	2332154 010ka1ch2bf9807bf5e6bded5ca3522209c 840c9	no	10
----	---------------	---------------------------------------	---	----	----

<b>Warnings:</b>						
<b>Information:</b>						
29	NPL Documents	Napoli_PlantCell_279-289.PDF	4388671 737015cad8063125a3b482e003e03d1 bc24	no	11	
<b>Warnings:</b>						
<b>Information:</b>						
30	NPL Documents	Nasevicius_NatGenet_2000_21 6-220.PDF	524748 9/08/06 3e4b5124d4091bfef0220148c95 4f33	no	5	
<b>Warnings:</b>						
<b>Information:</b>						
31	NPL Documents	Nelson_NuclAcidsRes_1989_71 87-7194.PDF	504939 812b3d174b2f311bb6c2996d7251b7cf 1bf3	no	8	
<b>Warnings:</b>						
<b>Information:</b>						
32	NPL Documents	Nestle_JnvestDermatol_569-5 75.PDF	644099 fd18477e9b116d84742ed71e127139 fc006	no	7	
<b>Warnings:</b>						
<b>Information:</b>						
33	NPL Documents	Nielsen_Science_1497-1500. PDF	564607 c1d4a6c2e9e5eb50b782e96e2b2e20567 b6b6c	no	4	
<b>Warnings:</b>						
<b>Information:</b>						
34	NPL Documents	Nishikura_Cell_415-418.PDF	387807 10b356458fe66e3dc896c9b197e3c5f 03da	no	4	
<b>Warnings:</b>						
<b>Information:</b>						
35	NPL Documents	Nykanen_Cell_309-321.PDF	844172 cc9509485e4e1201492bf1c5c195ed12fe 9542	no	13	
<b>Warnings:</b>						
<b>Information:</b>						
36	NPL Documents	Oberhauser_NuclAcidsRes_533- 538.PDF	695575 224b6fa0e7bd518493d56b78166c1c2e 88350	no	6	
<b>Warnings:</b>						
<b>Information:</b>						
37	NPL Documents	Ogilvie_TetrahedronLetters_28 61-2863.PDF	95322 1db2bed2e0433127a5de2a0f1427260ec d0ff	no	3	

<b>Warnings:</b>					
<b>Information:</b>					
38	NPL Documents	Olie_BiochimBiophysActa_101-109.PDF	786982 065d880d0d024e65176ca24969271616cb17 62a62	no	9
<b>Warnings:</b>					
<b>Information:</b>					
39	NPL Documents	Olsen_Biochemistry_9735-9741.PDF	2043698 7H25968feec2a6a0bec2d1940ce916af0f2e 8a3	no	7
<b>Warnings:</b>					
<b>Information:</b>					
40	NPL Documents	O'Neill_JOrgChem_5869-5875.PDF	751864 1514291a9bca753e887ccfcbe0fe/c7baf ca817	no	7
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				31557313	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b>New Applications Under 35 U.S.C. 111</b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b>National Stage of an International Application under 35 U.S.C. 371</b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/E0/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b>New International Application Filed with the USPTO as a Receiving Office</b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					